

Geon™ Vinyl Flexible XV3683

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV3683 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible XV3683 include hose/tubing, engineering/industrial parts and sealing applications. Primary characteristic: wear resistant.

General Information			
Features	Good Abrasion Resistance		
Uses	Gaskets		
	Hose		
	Profiles		
	Seals		
	Tubing		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	12.3	MPa	
100% Strain	6.55	MPa	
Tensile Elongation ² (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	109	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-33.9	°C	ASTM D746
Additional Information	Nominal Value	Unit	Test Method
Volatile Loss ⁴ (105°C, 1.91 mm)	0.20	%	ASTM D1203B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	
NOTE			

1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min
3.	Die C, 510 mm/min
4.	Method A

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

